



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

*Re*

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/106,335	06/29/98	SWARTZ	R D/97528

TM31/1024  
RONALD ZIBELLI  
XEROX CORPORATION  
XEROX SQUARE 20A  
ROCHESTER NY 14644

EXAMINER

MIZRAHI, D

ART UNIT	PAPER NUMBER
----------	--------------

2171

DATE MAILED: 10/24/00

7

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

*J.C.*

# Office Action Summary

Application No.  
09/106,335

Applicant(s)  
R. Schwartz et al.

Examiner  
Diane Mizrahi

Group Art Unit  
2171



☒ Responsive to communication(s) filed on Aug 4, 2000

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claim

☒ Claim(s) 1-20 is/are pending in the application

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-20 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☒ None of the CERTIFIED copies of the priority documents have been received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2171

### III. DETAILED ACTION

1. Claims 1-20 are presented for examination.
2. In response to Applicant's remarks, all previous presented rejections of the claims are hereby withdrawn as to being moot.

#### Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Daniel E. O'Leary (IEEE Publication entitled, "Enterprise Knowledge Management March 1998 and Management hereinafter) and Daniel E. O'Leary (IEEE publication, entitled, "Knowledge Management Systems: Converting and Connecting June 98 and Systems hereinafter).
5. Regarding Claims 1, 9, 12, 16 and 18, Management teaches a first database memory (Figure 2), a data source suitable for independently performing data analysis operations using data stored within the first database to generate data and analysis results (page 56, paragraph 5), a document source, (i.e. document

Art Unit: 2171

based) (page 55, paragraph 5-6), including a document database memory for capturing knowledge and storing knowledge in the form of documents, validating the accuracy of the knowledge and making the captured knowledge (i.e. knowledge and data warehouses) (page 55, paragraph 4) available across a network (i.e. users can browse) (page 55, paragraph 3), managing the flow of information between data source and document source, thereby enabling the integration of data and analysis results with the documents and provide links to automatically update documents the data or analysis results (page 55, paragraphs 4-7); an application module for providing application interoperability and synchronization between heterogeneous document and data sources (i.e. knowledge warehouses and virtual warehouses across servers) (page 55, paragraphs 4-7) and live links (i.e. web browsing) (page 55, paragraphs 4-7).

Management does not expressly teach a knowledge integration application.

System teaches a knowledge integration application (i.e. techniques and tools both AI (artificial intelligence) (page 32, paragraph 6).

It would have been obvious to a person of ordinary skill in the art at the time of Applicant's invention to modify the

Art Unit: 2171

teachings of Management with the teachings of System to include knowledge integration application with the motivation to provide for a clearing house for the mind, a depot where knowledge and ideas are received, sorted, summarized, digested, clarified and captured (Systems, page 30 Abstract).

6. Regarding Claims 2-7, 10-11, 13-15, 17, and 19-20, the limitations of these claims are similar in scope as those noted in the rejection above. They are therefore rejected as set forth above.

Prior Art Made of Record

7. A. Herman Maurer discloses "Web-Based Knowledge Management" March 1998;

B. Daniel E. O'Leary discloses "Using AI in Knowledge Management: Knowledge Bases and Ontologies" May/June 1998;

C. Nicholas H.M.. Caldwell et al. discloses "Web-Based Knowledge Management for Distributed Design" May/June 2000;

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure..

Points of Contact

9. Any inquiry concerning this communications from the examiner should be directed to Diane Mizrahi whose telephone number is

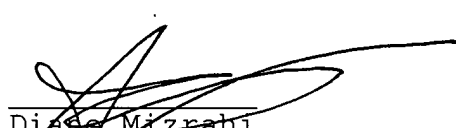
Art Unit: 2171

(703) 305-3806. The examiner can normally be reached on Monday to Thursday from 7:30 AM. to 5:00 PM.

If any attempt to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Thomas Black can be reached on (703) 305-9707.

Any response to this office action should be mailed to The Commissioner of Patents and Trademarks, Washington, D.C. 20231 or the fax phone number for this group at (703) 308-9051.

For formal or draft communications, please label "PROPOSED" or "DRAFT". Hand-delivered responses should be brought to Crystal Park II, 2021 Crystal Drive, 6th Floor Receptionist, Arlington, Virginia.

  
Diane Mizrahi  
Patent Examiner

October 2, 2000

  
THOMAS G. BLACK  
SUPERVISORY PATENT EXAMINER  
GROUP 1